

Amendments to the Claims:

Please amend claims 10, 12-15, 18, 20-23, 27, 28, 31-43, and 45-51, and cancel claims 11, 19, and 44, as shown in the following listing of claims. This listing of claims will replace all prior versions and listings of claims in the application.

1-9. (cancelled)

10. (currently amended) A transceiver for use in a wireless network device that operates in a communication system that includes a main communication network and a radio network, the transceiver comprising:

[[a]] at least one radio unit configured to communicate with the main communication network and the radio network;

wherein the transceiver is operable to enable the wireless network device to participate as a master device on the radio network, operable to control communications on the radio network.

11. (cancelled)

12. (currently amended) The transceiver of claim ~~11~~ 10 further comprising a processor operable to control the communications of the at least one radio unit with the radio network and capable of communicating with the main communication network.

13. (currently amended) The transceiver of claim ~~11~~ 10 wherein the wireless network device is operable to participate as a slave on the main communication network.

14. (currently amended) The transceiver of claim ~~11~~ 10 wherein the main communication network comprises a wired communication network.

15. (currently amended) The transceiver of claim ~~11~~ 10 wherein the main communication network comprises a wireless communication network.

16. (previously presented) The transceiver of claim 10 wherein the transceiver comprises an integrated circuit.

17. (previously presented) The transceiver of claim 10 wherein the wireless network device is sized to be held by a user.

18. (currently amended) A transceiver for use in a mobile network device that operates in a communication system that includes a main communication network and a radio network, the transceiver comprising:

[[a]] at least one radio unit configured to communicate with the main communication network and the radio network;

wherein the transceiver is operable to enable the mobile network device to participate as a master device on the radio network, operable to control communications on the radio network.

19. (cancelled)

20. (currently amended) The transceiver of claim ~~19~~ 18 further comprising a processor operable to control the communications of the at least one radio unit with the radio network and capable of communicating with the main communication network.

21. (currently amended) The transceiver of claim ~~19~~ 18 wherein the mobile network device is operable to participate as a slave on the main communication network.

22. (currently amended) The transceiver of claim ~~19~~ 18 wherein the main communication network comprises a wired communication network.

23. (currently amended) The transceiver of claim ~~19~~ 18 wherein the main communication network comprises a wireless communication network.

24. (previously presented) The transceiver of claim 18 wherein the transceiver comprises an integrated circuit.

25. (previously presented) The transceiver of claim 18 wherein the mobile network device is sized to be held by a user.

26. (previously presented) The transceiver of claim 10 wherein the transceiver enables the wireless network device to manage communications of a second wireless network device participating on the radio network.

27. (currently amended) The A transceiver of claim 10 for use in a wireless network device that operates in a communication system that includes a radio network, the transceiver comprising:

a radio unit configured to communicate with the radio network;

wherein the transceiver is operable to enable enables the wireless network device to participate as a master device on the radio network, operable to synchronize communications of a second wireless network device participating on the radio network.

28. (currently amended) The A transceiver of claim 10 for use in a wireless network device that operates in a communication system that includes a radio network, the transceiver comprising:

a radio unit configured to communicate with the radio network;

wherein the transceiver is operable to enable enables the wireless network device to participate as a master device on the radio network, operable to manage communications of a second wireless network device participating on the radio network with a third wireless network device participating on the radio network.

29. (previously presented) The transceiver of claim 15 wherein the transceiver enables the wireless network device to manage communications of a second wireless network device, that participates on the radio network, with the wireless communication network.

30. (previously presented) The transceiver of claim 15 wherein the transceiver enables the wireless network device to facilitate communications of a second wireless network device, that participates on the radio network, with the wireless communication network.

31. (currently amended) The A transceiver of claim 10 wherein for use in a wireless network device that operates in a communication system that includes a radio network, the transceiver comprising:

a radio unit is configured to communicate with the radio network using spread spectrum signals;

wherein the transceiver is operable to enable the wireless network device to participate as a master device on the radio network, operable to control communications on the radio network.

32. (currently amended) The transceiver of claim 18 wherein the transceiver enables the ~~wireless~~ mobile network device to manage communications of a second wireless network device participating on the radio network.

33. (currently amended) The A transceiver of claim 18 for use in a mobile network device that operates in a communication system that includes a radio network, the transceiver comprising:

a radio unit configured to communicate with the radio network;

wherein the transceiver is operable to enable ~~enables~~ the ~~wireless~~ mobile network device to participate as a master device on the radio network, operable to synchronize communications of a second ~~wireless~~ mobile network device participating on the radio network.

34. (currently amended) The A transceiver of claim 18 for use in a mobile network device that operates in a communication system that includes a radio network, the transceiver comprising:

a radio unit configured to communicate with the radio network;

wherein the transceiver is operable to enable enables the wireless mobile network device to participate as a master device on the radio network, operable to manage communications of a second wireless mobile network device participating on the radio network with a third wireless mobile network device participating on the radio network.

35. (currently amended) The transceiver of claim 23 wherein the transceiver enables the wireless mobile network device to manage communications of a second wireless mobile network device, that participates on the radio network, with the wireless communication network.

36. (currently amended) The transceiver of claim 23 wherein the transceiver enables the wireless mobile network device to facilitate communications of a second wireless mobile network device, that participates on the radio network, with the wireless communication network.

37. (currently amended) The A transceiver of claim 18 wherein for use in a mobile network device that operates in a communication system that includes a radio network, the transceiver comprising:

a radio unit is configured to communicate with the radio network using spread spectrum signals;

wherein the transceiver is operable to enable the mobile network device to participate as a master device on the radio network, operable to control communications on the radio network.

38. (currently amended) An integrated circuit for use in a wireless network device for operating that operates in a communication system that includes a radio network, the device integrated circuit comprising:

transmit circuitry configured to transmit signals on the radio network; and
receive circuitry configured to receive signals from the radio network;

wherein the ~~device~~ integrated circuit is operable to enable the wireless network device to participate as a master device on the radio network, operable to control communications on the radio network.

39. (currently amended) The ~~device~~ integrated circuit of claim 38 wherein the communication system further comprises a main communication network and wherein the ~~device~~ integrated circuit is capable of communicating with the main communication network.

40. (currently amended) The ~~device~~ integrated circuit of claim 39 further comprising a processor operable to control the communications of the transmit and receive circuitry with the radio network and capable of communicating with the main communication network.

41. (currently amended) The ~~device~~ integrated circuit of claim 39 wherein the ~~device~~ integrated circuit is operable to enable the wireless network device to participate as a slave on the main communication network.

42. (currently amended) The ~~device~~ integrated circuit of claim 39 wherein the main communication network comprises a wired communication network.

43. (currently amended) The ~~device~~ integrated circuit of claim 39 wherein the main communication network comprises a wireless communication network.

44. (cancelled)

45. (currently amended) The ~~device~~ integrated circuit of claim 38 wherein the ~~device~~ integrated circuit is operable to enable the wireless network device to manage communications of a second wireless network device participating on the radio network.

46. (currently amended) ~~The~~ A wireless network device of claim 38 for operating in a communication system that includes a radio network, the device comprising:
transmit circuitry configured to transmit signals on the radio network; and
receive circuitry configured to receive signals from the radio network;
wherein the device is operable to participate as a master device on the radio network,
operable to synchronize communications of a second wireless network device participating on the radio network.

47. (currently amended) ~~The~~ A wireless network device of claim 38 for operating in a communication system that includes a radio network, the device comprising:
transmit circuitry configured to transmit signals on the radio network; and
receive circuitry configured to receive signals from the radio network;
wherein the device is operable to participate as a master device on the radio network,
operable to manage communications of a second wireless network device participating on the radio network with a third wireless network device participating on the radio network.

48. (currently amended) ~~The device~~ integrated circuit of claim 43 wherein the ~~device~~ integrated circuit is operable to enable the wireless network device to manage communications of a second wireless network device, that participates on the radio network, with the wireless communication network.

49. (currently amended) ~~The device~~ integrated circuit of claim 43 wherein the ~~device~~ integrated circuit is operable to enable the wireless network device to facilitate communications of a second wireless network device, that participates on the radio network, with the wireless communication network.

50. (currently amended) The ~~device~~ integrated circuit of claim 38 wherein the ~~device~~ integrated circuit comprises is part of a PCMCIA card ~~containing the transmit circuitry and the receive circuitry.~~

51. (currently amended) The A wireless network device ~~of claim 38 wherein for~~ operating in a communication system that includes a radio network, the device comprising:

transmit circuitry is configured to transmit spread spectrum signals on the radio network;
and

the receive circuitry is configured to receive spread spectrum signals from the radio network;

wherein the device is operable to participate as a master device on the radio network,
operable to control communications on the radio network.